

IN THE SPECIFICATION:

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~strikethrough~~.

Please REPLACE the fourth paragraph on page 1 with the following paragraph:

Q1
At present, compact discs (CDs) have become much cheaper and even common users can directly manufacture CDs with the spread of the CD-R (Recordable). Also, ~~32~~32X-speed CD drives are now on the market due to the development of new techniques for CD drives.

Please REPLACE the fifth paragraph on page 1 with the following paragraph:

Q2
General CDs include audio CDs, video CDs, and CD-ROMs. A CD-ROM is a disc having a logical format which is used for data recording by a computer in contrast to an audio CD or a video CD. The different types of CDs are differentiated by control information in a sub-Q area of a lead-in area and ~~top~~table of contents (TOC) information. If an audio CD is prescribed in the control information in the sub-Q area, the CD is immediately recognized as an audio CD. If general data other than that for the audio CD is prescribed in the control information in the sub-Q area, the CD is recognized as a video CD or a CD-ROM.

Please REPLACE the sixth paragraph on page 1 with the following paragraph:

Q3
Given that the transmission rate of CDs is about 1.5 Mbps, ~~8~~8X-speed or greater CD drives have a 10 Mbps or faster transmission rate. Therefore, data recording and reproduction at the same rate as the transmission rate of DVDs is possible. However, the recording time of CDs is much shorter than that of DVDs. Therefore, CDs cannot record data for a long period of time. However, CDs can be used when high image quality reproduction is required for a short time for applications such as clips for presentations or promotions.

Please REPLACE the first paragraph on page 5 with the following paragraph:

Q4
Reference will now be made in detail to the present preferred embodiments of the present invention, examples of which are illustrated in the accompanying drawings, wherein like reference numerals refer to the like elements throughout. The embodiments are described below in order to explain the present invention by referring to the figures.

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Please REPLACE the sixth paragraph on page 6 with the following paragraph:

a5

When a disc is loaded into the CD-ROM drive 202, which supports an 8-8X-speed or faster transmission rate and accesses an audio CD, a video CD, and a multi-session CD, the CD differentiator 204 determines whether the loaded disc is a general audio CD or a general video CD. That is, the CD differentiator 204 determines whether the disc loaded into the CD-ROM drive 202 is an audio CD using the control information in the sub-Q area of the lead-in area on the disc. If it is determined that the disc is not an audio CD, the CD differentiator 204 analyzes TOC information to determine whether the disc is a video CD. Then, the CD differentiator 204 provides a differentiation signal representing that the loaded disc is either an audio CD or a video CD to the CD application deformatter 206. On the other hand, if it is determined that the disc is neither an audio CD nor a video CD, the CD differentiator 204 provides a differentiation signal representing the result of the determination to the multi-session CD differentiator 210.

4th

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Please REPLACE the ~~third~~ full paragraph on page 8 with the following paragraph:

a6

The DVD/CD-ROM drive 302 can access a CD (an audio CD, a video CD and a multi-session CD), and particularly, has an 8-8X-speed or faster transmission rate when a loaded disc is a CD. The DVD/CD differentiator 304 determines the physical structure of the loaded disc. If the loaded disc has a physical structure corresponding to that of a CD, the DVD/CD differentiator 304 provides a differentiation signal representing that the physical structure of the disc corresponds to that of a CD to the CD differentiator 306. However, if the loaded disc has a physical structure corresponding to that of a DVD, the DVD/CD differentiator 304 provides a differentiation signal representing that the physical structure of the disc corresponds to that of a DVD to the UDF analyzer 314.